

Fig. 1 (PRIOR ART)

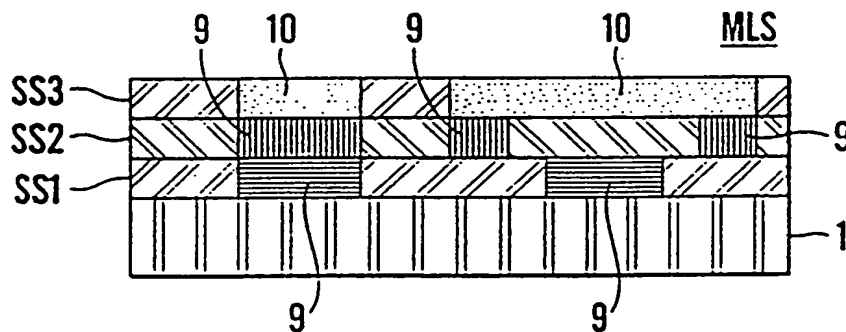


Fig. 4

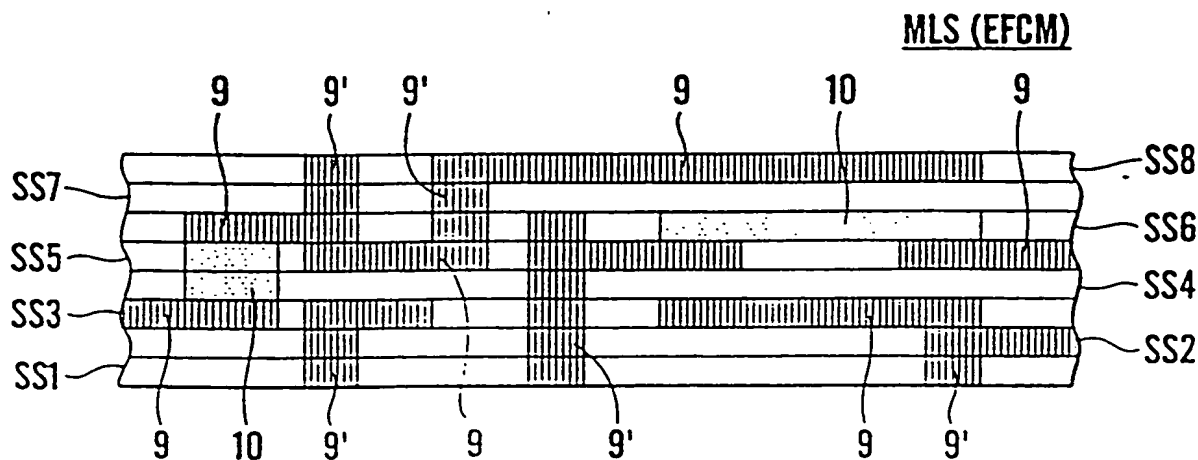


Fig. 5

2/10

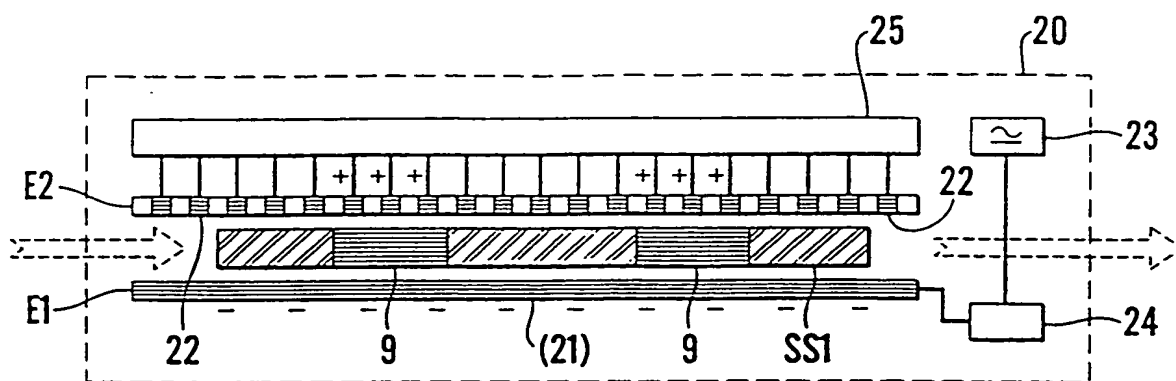


Fig. 2a

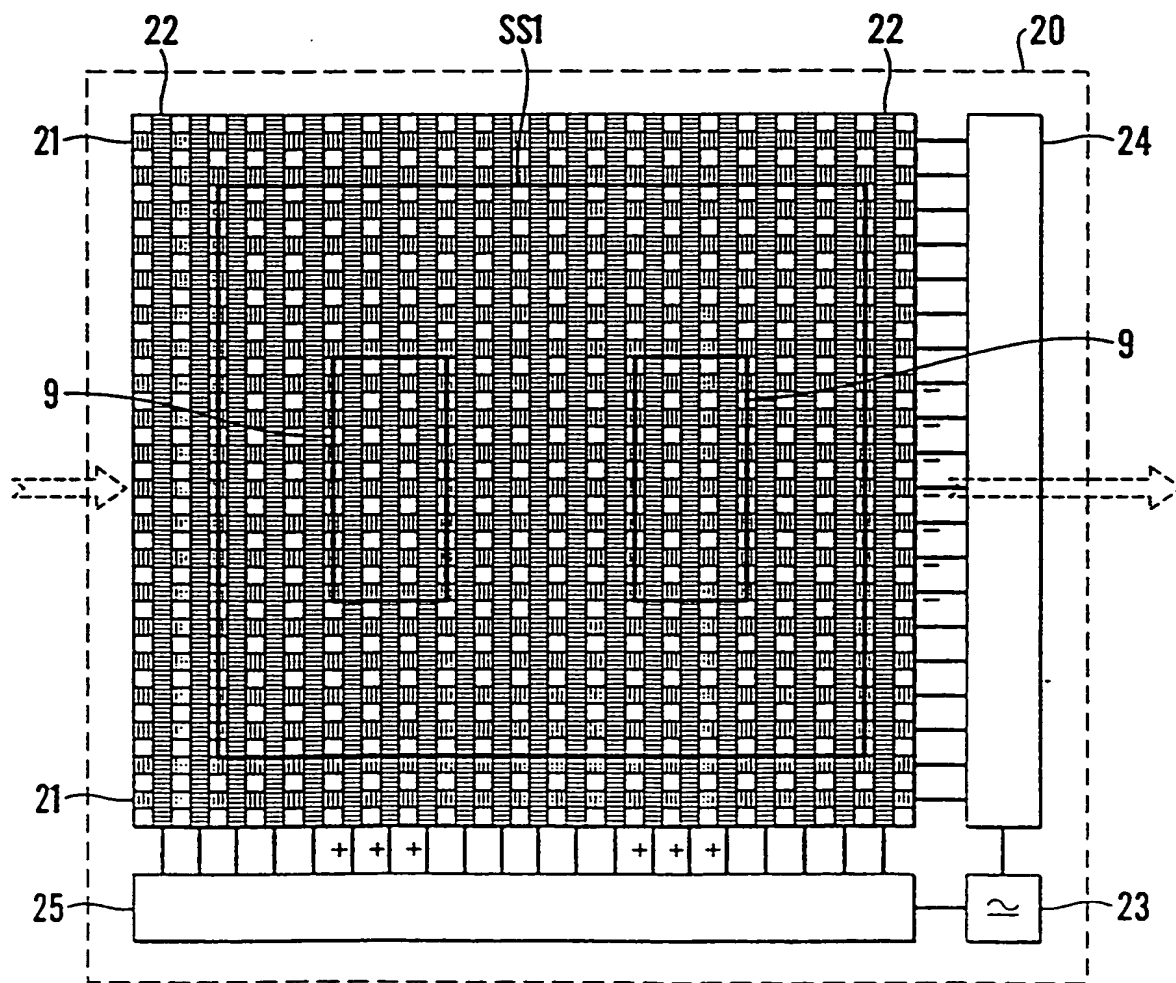


Fig. 2b

3/10

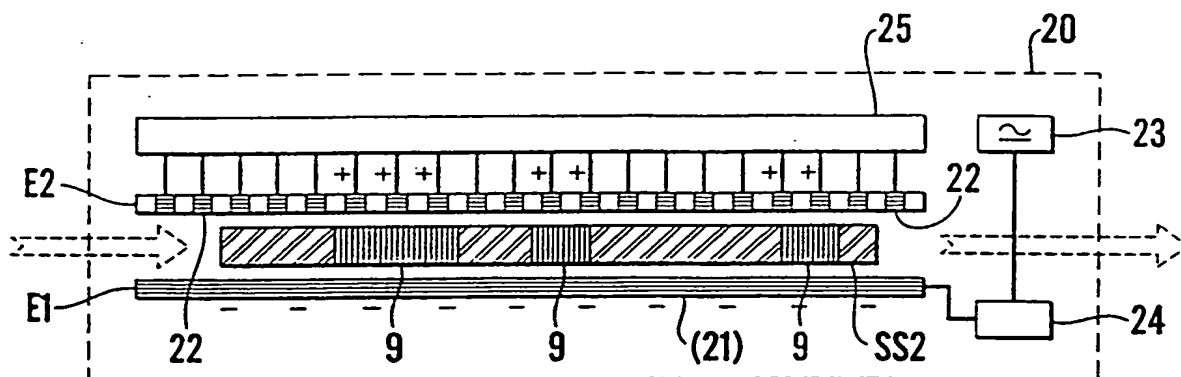


Fig.2c

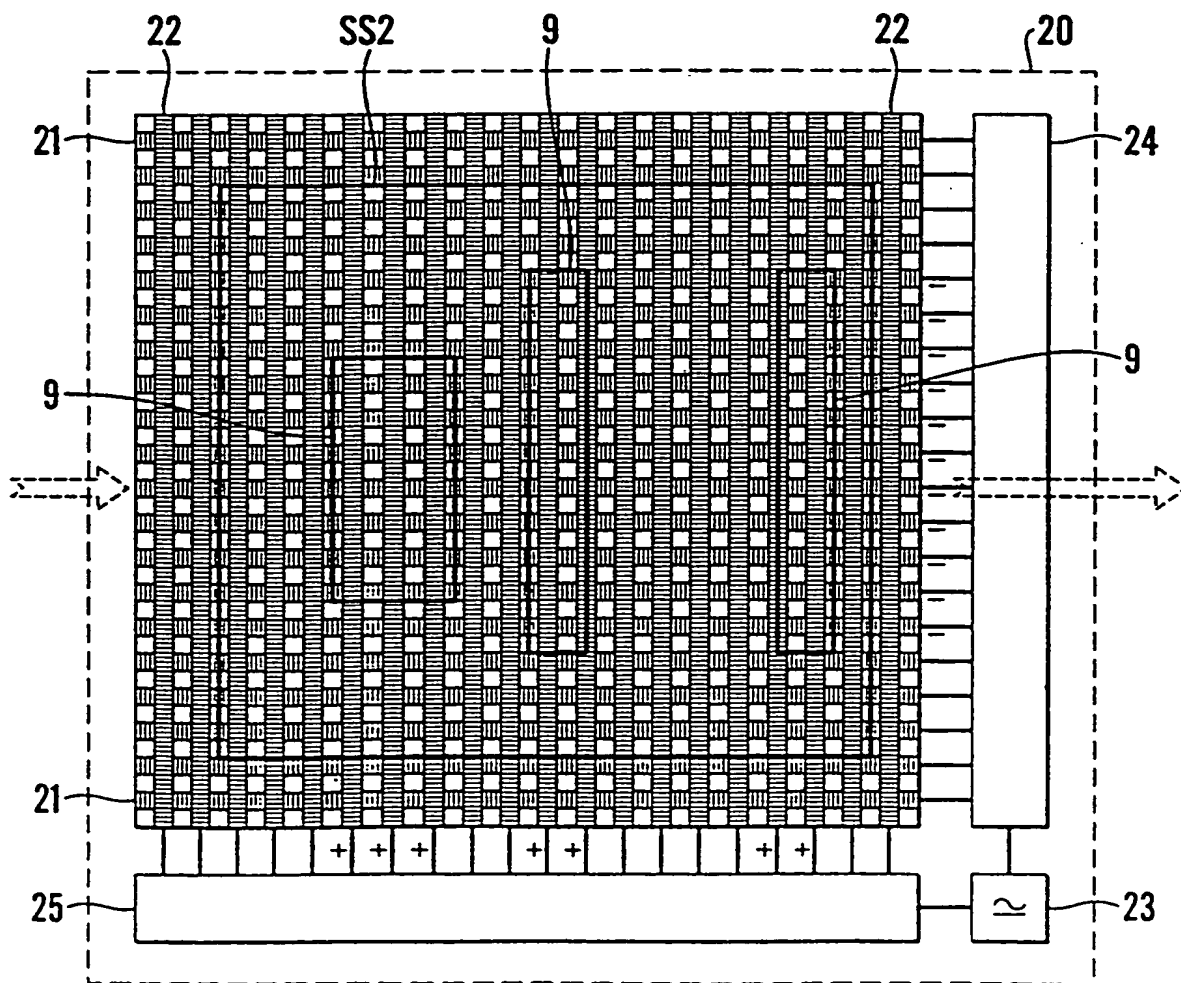


Fig.2d

4/10

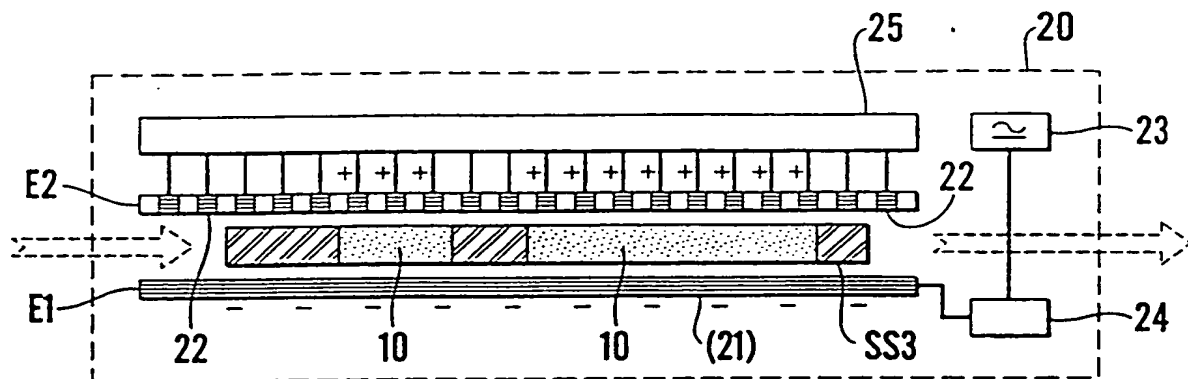


Fig. 2e

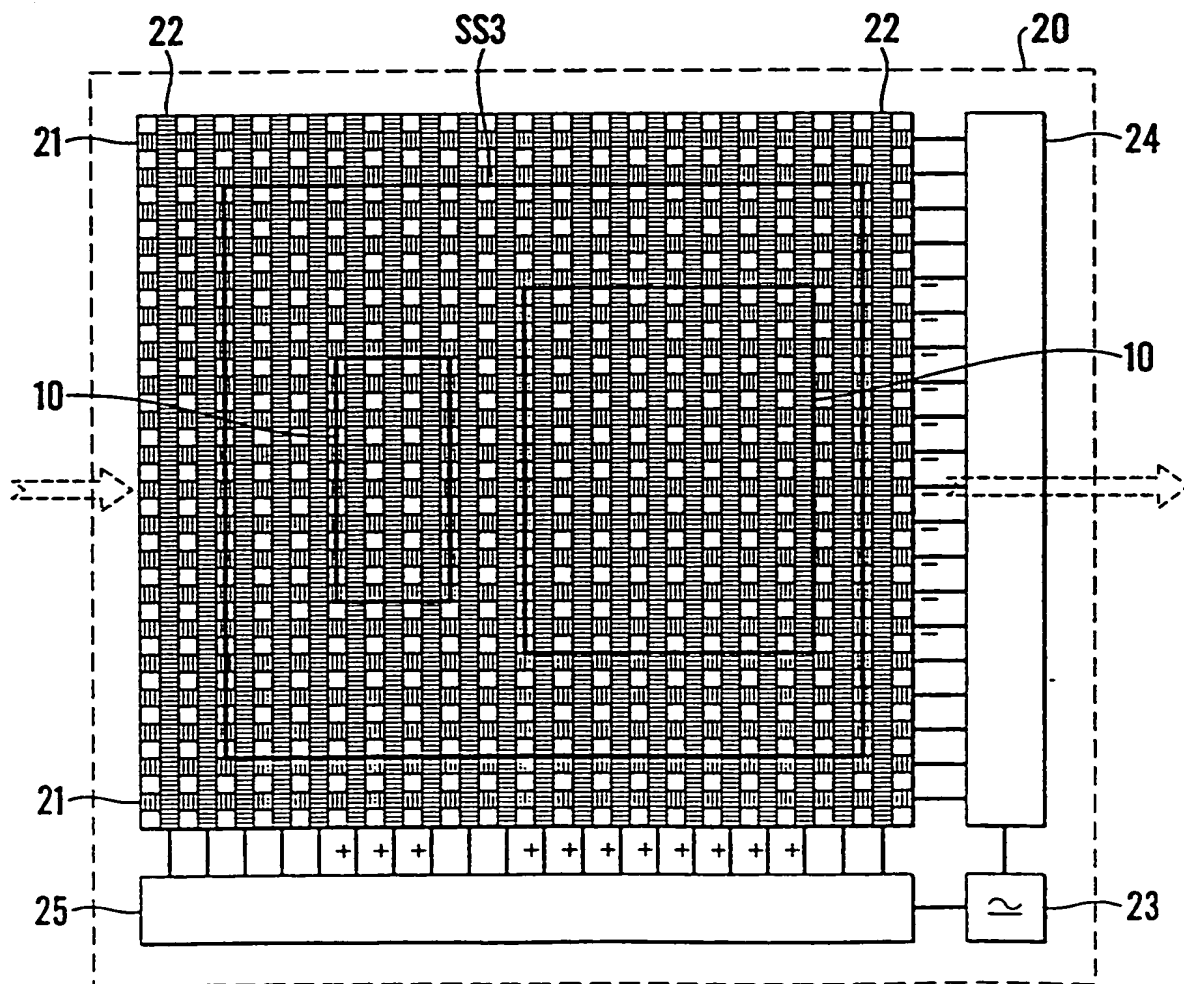


Fig. 2f

5/10

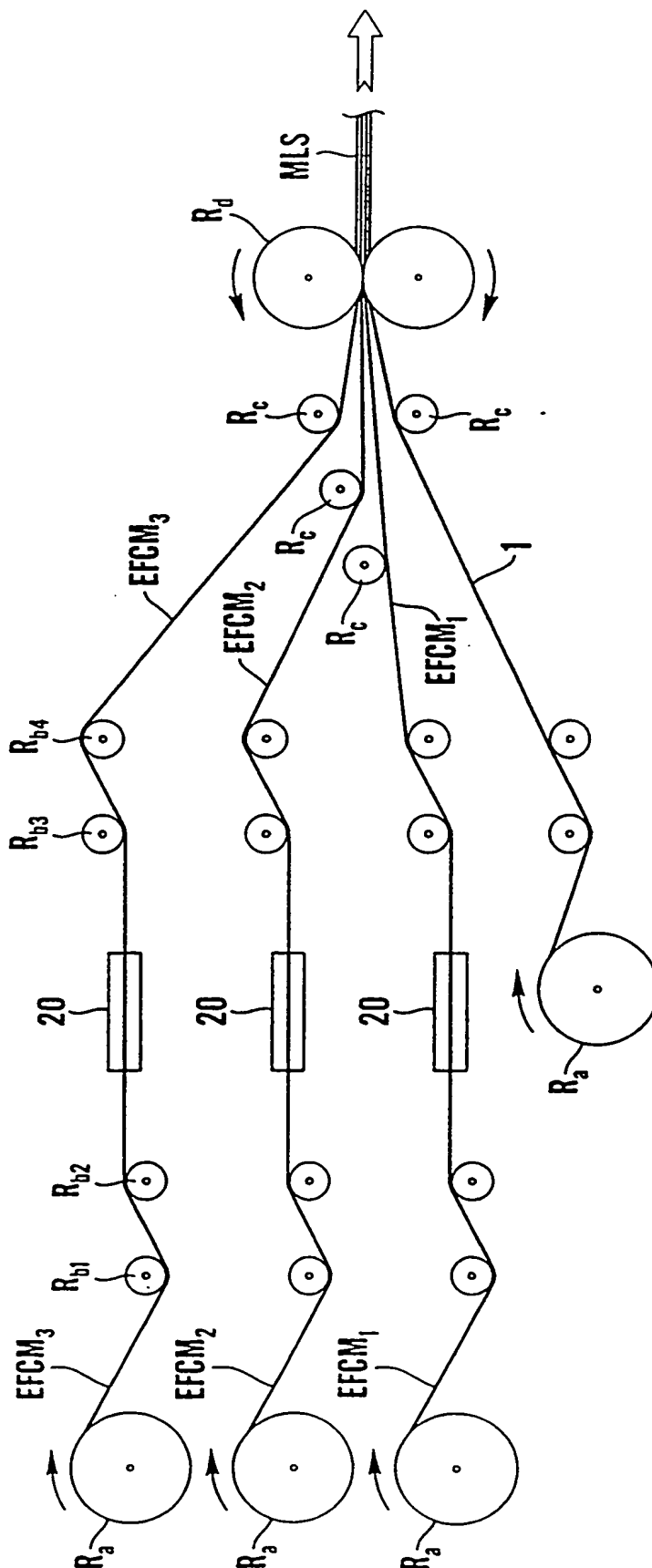







Fig.3

6/10

LEGEND TO FIGS.

-  ISOLATING
-  SEMICONDUCTING
-  p-TYPE SEMICONDUCTING
-  n-TYPE SEMICONDUCTING
-  CONDUCTING, ELECTRODES



HORIZONTAL AND VERTICAL
CONDUCTING PATH (Δ , UP; ∇ , DOWN)

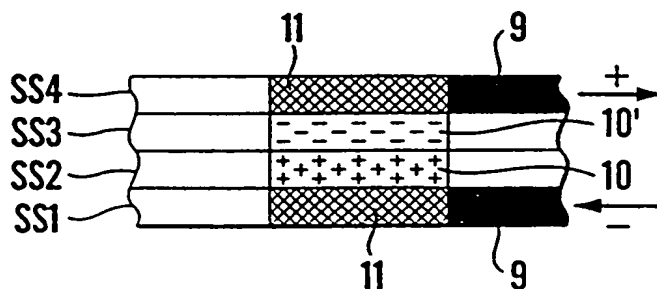
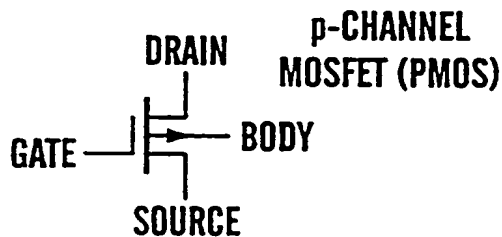
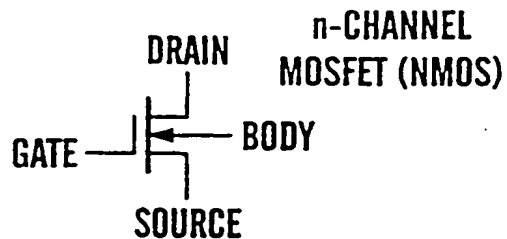


Fig.6

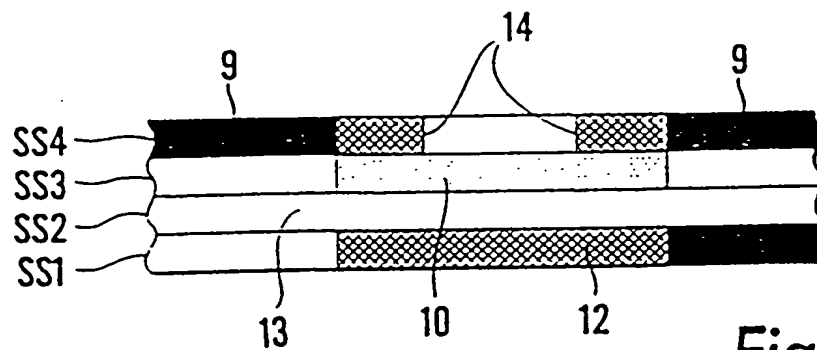


Fig. 7

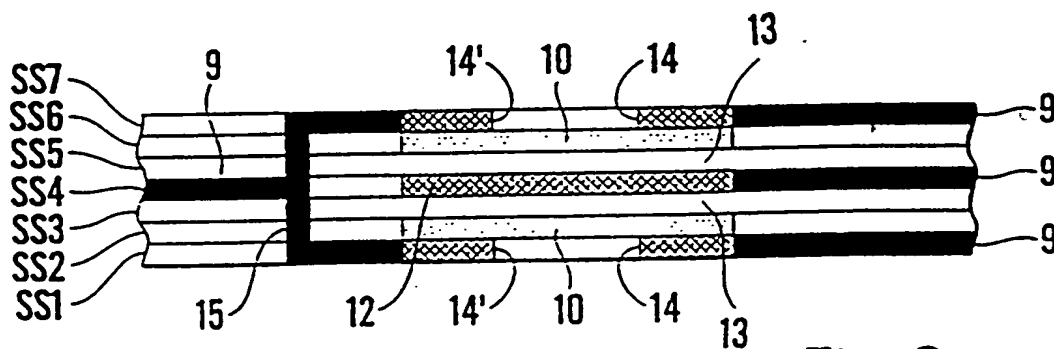


Fig. 8

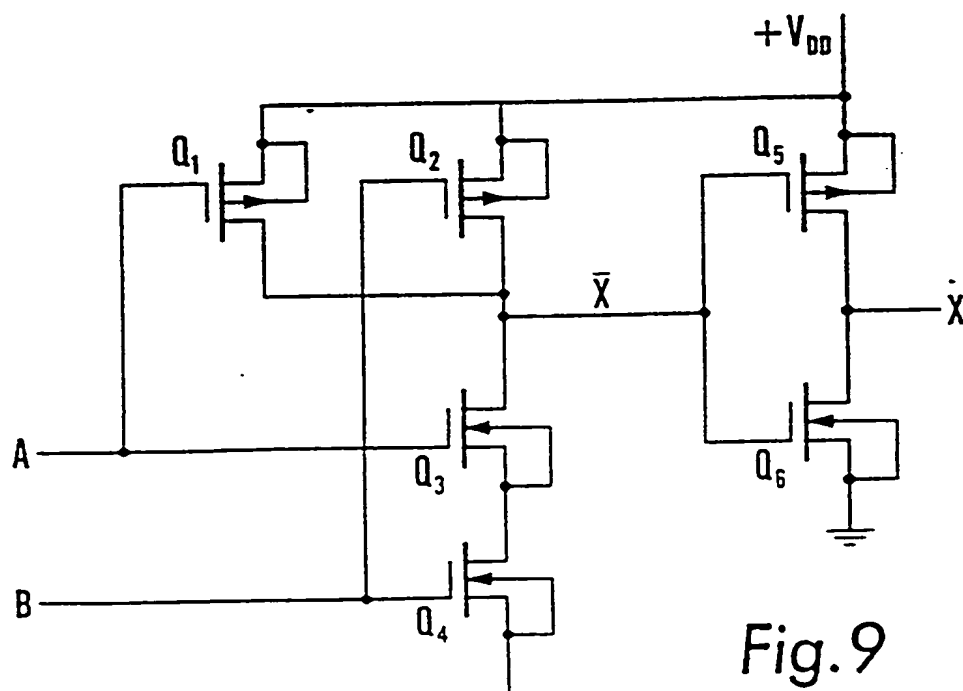


Fig. 9

8/10

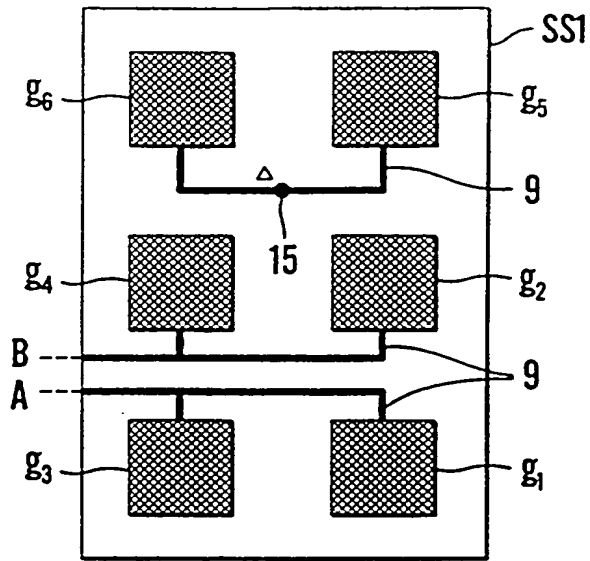


Fig. 10a

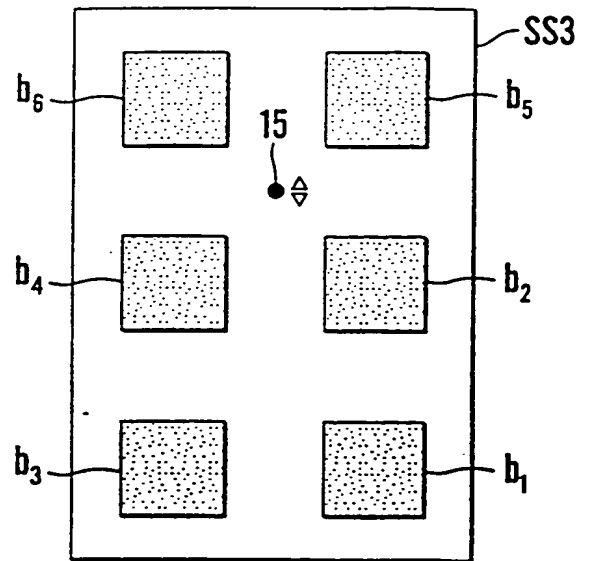


Fig. 10b

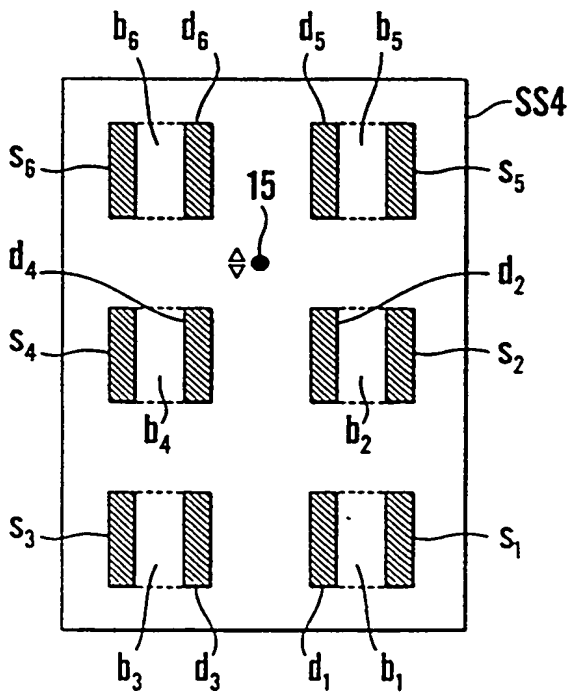


Fig. 10c

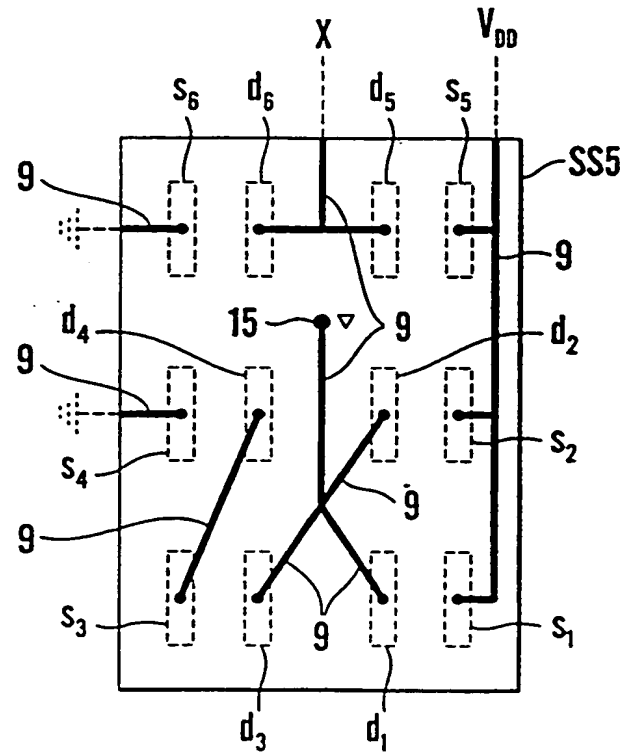


Fig. 10d

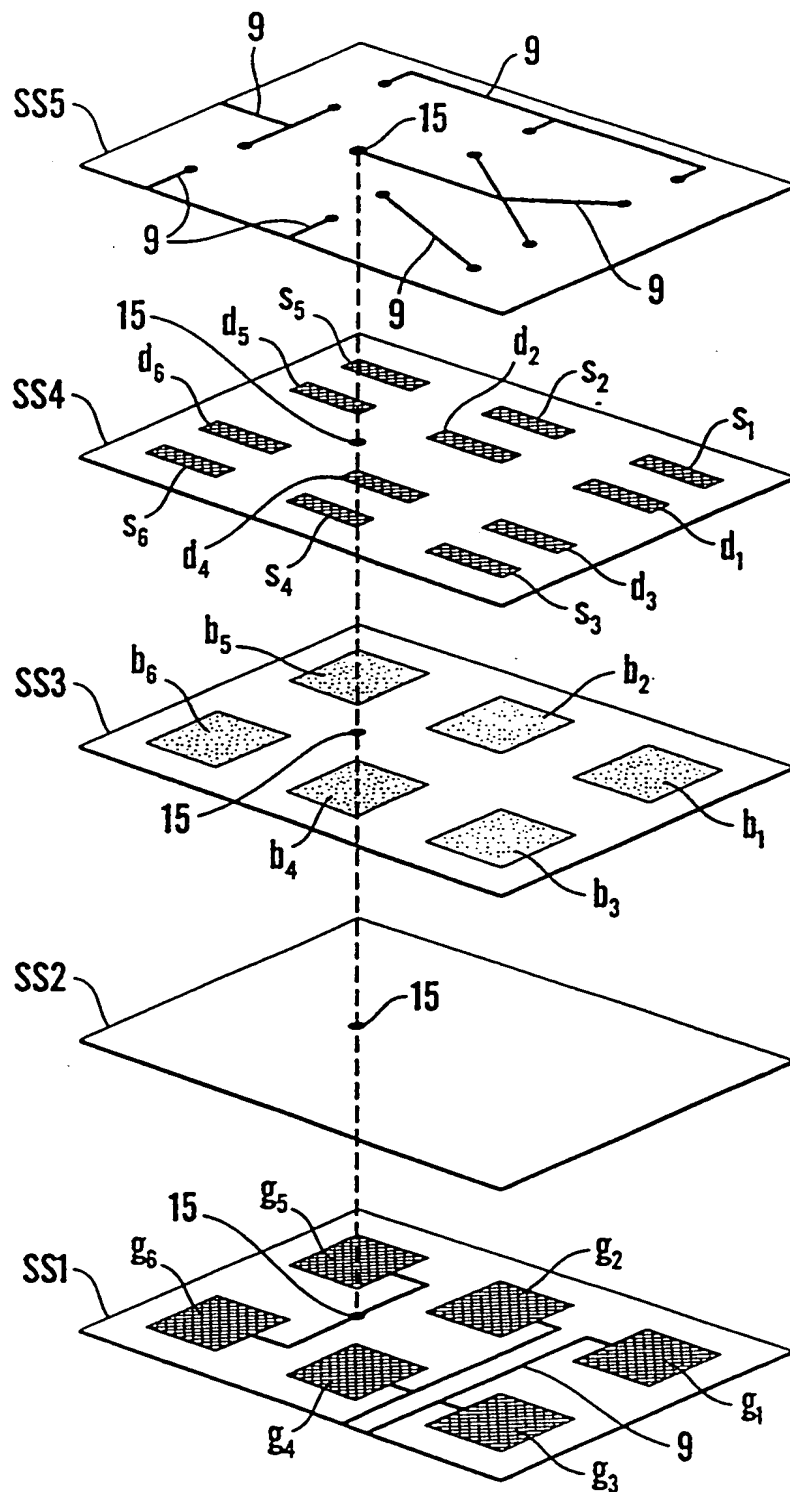


Fig. 11

10/10

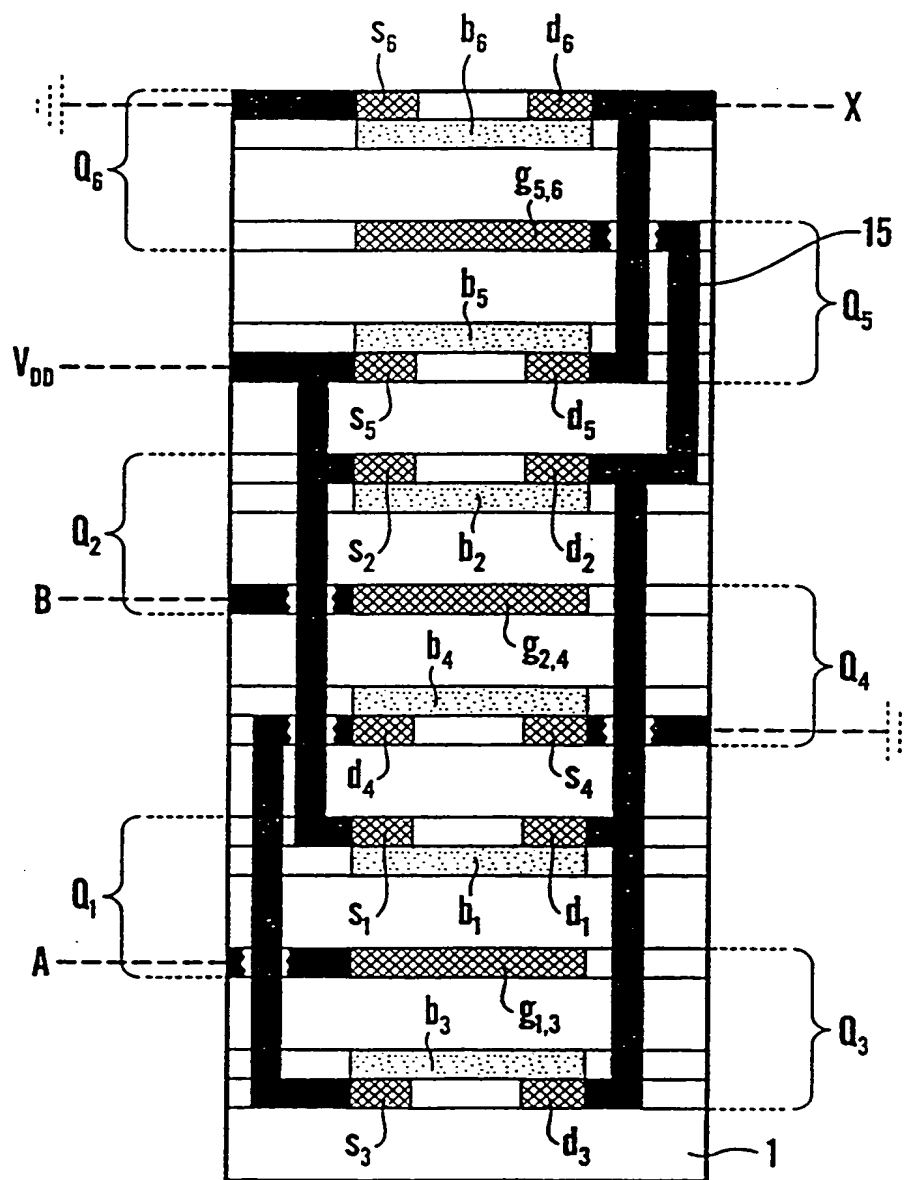


Fig. 12